



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/752,957E
Source: IFW/B
Date Processed by STIC: 10/4/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

~~TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER~~
~~VERSION 4.2 PROGRAM ACCESSIBLE THROUGH THE U.S. PATENT AND~~
~~TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:~~

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebs/efs/downloads/documents.htm>) , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box-1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202



IFW16

RAW SEQUENCE LISTING

DATE: 10/04/2004

PATENT APPLICATION: US/09/752,957E

TIME: 11:22:26

Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\10042004\I752957E.raw

3 <110> APPLICANT: Shiuan, David

5 <120> TITLE OF INVENTION: Yeast with High Biotin-Productivity and the Preparation

Method

6 Thereof

8 <130> FILE REFERENCE: 251410-1010

10 <140> CURRENT APPLICATION NUMBER: 09/752,957E

11 <141> CURRENT FILING DATE: 2001-01-02

13 <150> PRIOR APPLICATION NUMBER: TW 89120972

14 <151> PRIOR FILING DATE: 2000-10-07

16 <160> NUMBER OF SEQ ID NOS: 5

18 <170> SOFTWARE: PatentIn version 3.3

20 <210> SEQ ID NO: 1

21 <211> LENGTH: 1188

22 <212> TYPE: DNA

23 <213> ORGANISM: Candida utilis

25 <400> SEQUENCE: 1

26 atgtcgttta tattgactgc tattagtcgt cggattgctc tttccacttc tagagtagct 60
 28 tctagggcta ctctggcaac aggtgctact gctgctgagg agatcttgga agatgtgttc 120
 30 acggaacaaa tggagaagt ggcttcacag gagaagaagc caaaccatt ggaatatgca 180
 32 ttgtcagtga agacaccagt caacacctgg accaaagaag aaattaaagc tatatatgac 240
 34 acaccactca tggacttgat gcactatgct caggtgcaac acagaagggt ccaacaacct 300
 36 tcagagggtc aattgtgcac tcttatgaat atcaaaactg gtggtgtgac cgaggactgt 360
 38 aagtactgtg cccaatcaca gcgttacaa actggtgtca aggctgaaag aatcatccaa 420
 40 gttgatgagg tgattgaagc tgcaaaggag gcaaaggcca atggatctac aaggttctgt 480
 42 atgggtgctg cttggagaga gatgaaagg agaaagtcaa acttgaagaa aatcaaagag 540
 44 atgatcactg ctgtccatga ccttggaaat gagagttgtg tcacctggg aatggttgat 600
 46 aaagaccaag cactgaatt gaaaagtgt ggggtgacgg cgtacaacca taacattgat 660
 48 acttacaagg aacactatcc aaaggtgatc tccacaagaa gctttgatga tagattgaaa 720
 50 acattcaaaa acgttcaagg atctggatta aaggcatgca caggtggtat tcttgggtctt 780
 52 ggtgagaccc aagaggaccg tgtatctttc ctctacacct tggccacaat ggatcagcat 840
 54 ccagagtctc ttccaatcaa cagactgggc ccaatcaagg gcacgccaat gtatgaagaa 900
 56 gttaagaaca agcaagttga agttgatgag attgtcagaa ccattgctac tgcaagattg 960
 58 gtcatgccaa cgtctattat cagattggct gcaggaagat atacaatgaa agaggcagaa 1020
 60 caggtgatgt gcttcatggc tgggtgtaat gccatcttca caggtgaagaa aatgctcaca 1080
 62 acaatgtgta acggtggga tgaggataaa gccatgttg cttaatgggg tctgaaacca 1140
 64 atggagagtt tcaaatacaa accaaggagg gttgcattcg gtgcttga 1188

67 <210> SEQ ID NO: 2

68 <211> LENGTH: 30

69 <212> TYPE: DNA

70 <213> ORGANISM: artificial sequence

72 <220> FEATURE:

73 <223> OTHER INFORMATION: primer sequence

75 <400> SEQUENCE: 2

76 gaaagtcgac tcaagatctg tcgtacttaa

30

Does Not Comply
Corrected Diskette Needed

P.2

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Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\10042004\I752957E.raw

79 <210> SEQ ID NO: 3
 80 <211> LENGTH: 21
 81 <212> TYPE: DNA
 82 <213> ORGANISM: artificial sequence
 84 <220> FEATURE:
 85 <223> OTHER INFORMATION: primer sequence
 87 <400> SEQUENCE: 3
 88 ccgcagttaa atcgacaact g
 91 <210> SEQ ID NO: 4
 92 <211> LENGTH: 23
 93 <212> TYPE: DNA
 94 <213> ORGANISM: artificial sequence
 96 <220> FEATURE:
 97 <223> OTHER INFORMATION: primer sequence
 100 <220> FEATURE:
 101 <221> NAME/KEY: misc_feature
 102 <222> LOCATION: (4)..(4)
 103 <223> OTHER INFORMATION: n is a, c, g, or t
 105 <220> FEATURE:
 106 <221> NAME/KEY: misc_feature
 107 <222> LOCATION: (6)..(6)
 108 <223> OTHER INFORMATION: n is a, c, g, or t
 110 <220> FEATURE:
 111 <221> NAME/KEY: misc_feature
 112 <222> LOCATION: (9)..(9)
 113 <223> OTHER INFORMATION: R is A or G'
 115 <220> FEATURE:
 116 <221> NAME/KEY: misc_feature
 117 <222> LOCATION: (10)..(10)
 118 <223> OTHER INFORMATION: Y is T or C
 120 <220> FEATURE:
 121 <221> NAME/KEY: misc_feature
 122 <222> LOCATION: (12)..(12)
 123 <223> OTHER INFORMATION: Y is T or C
 125 <220> FEATURE:
 126 <221> NAME/KEY: misc_feature
 127 <222> LOCATION: (18)..(18)
 128 <223> OTHER INFORMATION: n is a, c, g, or t
 130 <400> SEQUENCE: 4

21

W--> 131 tgtncngarg aytgyaanta ttg

23

134 <210> SEQ ID NO: 5
 135 <211> LENGTH: 20
 136 <212> TYPE: DNA
 137 <213> ORGANISM: artificial sequence
 139 <220> FEATURE:
 140 <223> OTHER INFORMATION: primer sequence
 143 <220> FEATURE:
 144 <221> NAME/KEY: misc_feature
 145 <222> LOCATION: (3)..(3)

"g" is at location 10

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Input Set : A:\pto.lm.txt

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<223> OTHER INFORMATION: R is A or G'
<220> FEATURE:
<221> NAME/KEY: misc_feature
<222> LOCATION: (6)..(6)
<223> OTHER INFORMATION: n is a, c, g, or t
<220> FEATURE:
<221> NAME/KEY: misc_feature
<222> LOCATION: (8)..(8)
<223> OTHER INFORMATION: n is a, c, g, or t
<220> FEATURE:
<221> NAME/KEY: misc_feature
<222> LOCATION: (9)..(9)
<223> OTHER INFORMATION: R is A or G'
<220> FEATURE:
<221> NAME/KEY: misc_feature
<222> LOCATION: (12)..(12)
<223> OTHER INFORMATION: R is A or G'
<400> SEQUENCE: 5
gttctcpanrt trtggttgta

20

RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> or <223> fields of each sequence which presents at least one n or Xaa.

eq#:4; N Pos. 4, 6, 18

eq#:5; N Pos. 6, 8

VERIFICATION SUMMARY

PATENT APPLICATION: **US/09/752,957E**

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L:131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0

L:169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0